



Office of Environmental Quality Control

Bureau of Air Quality

Title V Operating Permit

Dominion Carolina Gas Transmission LLC Bethune Compressor Station
4200 Jefferson Davis Hwy
Bethune, South Carolina 29009
Kershaw County

In accordance with the provisions of the *Pollution Control Act*, Sections 48-1-50(5) and 48-1-110(a), the 1976 *Code of Laws of South Carolina*, as amended, and *South Carolina Regulation 61-62, Air Pollution Control Regulations and Standards*, the Bureau of Air Quality authorizes the operation of this facility and the equipment specified herein in accordance with valid construction permits, and the plans, specifications, and other information submitted in the Title V permit application received on June 5, 2015, as amended.

The operation of this facility is subject to and conditioned upon the terms, limitations, standards, and schedules contained herein or as specified by this permit and its accompanying attachments.

Permit Number: TV-1380-0079

Issue Date: DRAFT
Expiration Date: DRAFT

Effective Date: DRAFT
Renewal Due Date: DRAFT

Director, Engineering Services Division
Bureau of Air Quality

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RECORD OF REVISIONS		
Date	Type	Description of Change

AA Administrative Amendment
MM Minor Modification
SM Significant Modification

DRAFT

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A. EMISSION UNIT DESCRIPTION

Emission Unit ID	Emission Unit Description
01	Combustion Turbines
02	KKKK Combustion Turbine

B EQUIPMENT AND CONTROL DEVICE(S)

B.1 EQUIPMENT FOR EMISSION UNIT ID 01 – COMBUSTION TURBINES

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
B-1	Single Cycle, Solar Saturn 10 turbine and centrifugal compressor	October 2012	None	S-1
B-2	Single Cycle, Solar Saturn 10 turbine and centrifugal compressor	October 2012	None	S-2
B-3	Single Cycle, Solar Saturn 10 turbine and centrifugal compressor	October 2012	None	S-3

B.2 EQUIPMENT FOR EMISSION UNIT ID 02 – KKKK COMBUSTION TURBINE

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
B-4	Single Cycle, Solar Saturn 10 turbine and centrifugal compressor	June 2014	None	S-4

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
C.1	Emission Unit ID: All Equipment/Control Device ID: All Equipment capacities provided under the Equipment Description column of the Equipment Tables above are not intended to be permit limits unless otherwise specified within the Table of Conditions for the particular equipment. However, this condition does not exempt the facility from the construction permitting process, from PSD review, nor from any other applicable requirements that must be addressed prior to increasing production rates.
C.2	Emission Unit ID: All Equipment/Control Device ID: All (S.C. Regulation 61-62.1, Section II.J.1.g) A copy of the Department issued construction and/or operating permit must be kept readily available at the facility at all times. The owner or operator shall maintain such operational records; make reports; install, use, and maintain monitoring equipment or methods; sample and analyze emissions or discharges in accordance with prescribed methods at locations, intervals, and procedures as the Department shall prescribe; and provide such other information as the Department reasonably may require. All records required to demonstrate compliance with the limits established under this permit shall be maintained on site for a period of at least 5 years from

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
	the date the record was generated and shall be made available to a Department representative upon request.
C.3	<p>Emission Unit ID: 02</p> <p>Equipment/Control Device ID: B-4</p> <p>For any source test required under an applicable standard or permit condition, the owner, operator, or representative shall comply with S.C. Regulation 61-62.1, Section IV - Source Tests.</p> <p>Unless approved otherwise by the Department, the owner, operator, or representative shall ensure that source tests are conducted while the source is operating at the maximum expected production rate or other production rate or operating parameter which would result in the highest emissions for the pollutants being tested. Some sources may have to spike fuels or raw materials to avoid being subjected to a more restrictive feed or process rate. Any source test performed at a production rate less than the rated capacity may result in permit limits on emission rates, including limits on production if necessary.</p> <p>The owner or operator shall comply with any limits that result from conducting a source test at less than rated capacity. A copy of the most recent Department issued source test summary letter, whether it imposes a limit or not, shall be maintained with the operating permit, for each source that is required to conduct a source test.</p> <p>Site-specific test plans and amendments, notifications, and source test reports shall be submitted to the Manager of the Source Evaluation Section, Bureau of Air Quality.</p>
C.4	<p>Emission Unit ID: 01, 02</p> <p>Equipment/Control Device ID: B-1, B-2, B-3, B-4</p> <p>(S.C. Regulation 61-62.5, Standard No. 4, Section IX) Where construction or modification began after December 31, 1985, emissions from these sources (including fugitive emissions) shall not exhibit an opacity greater than 20%, each.</p>
C.5	<p>Emission Unit ID: 01, 02</p> <p>Equipment/Control Device ID: B-1, B-2, B-3, B-4</p> <p>These sources are permitted to burn only natural gas as fuel. The use of any other substances as fuel is prohibited without prior written approval from the Department.</p>
C.6	<p>Emission Unit ID: 02</p> <p>Equipment/Control Device ID: B-4</p> <p>(S.C. Regulation 61-62.5, Standard No. 5.2, Section III(b)) The allowable discharge of NO_x resulting from this source is 150 ppmv at 15 percent oxygen.</p> <p>(S.C. Regulation 61-62.5, Standard No. 5.2, Section VI) The owner/operator of a subject combustion source shall develop a tune-up plan and perform tune-ups every two years in accordance with manufacturer's specifications or with good engineering practices from start-up of operation of burner. The first tune-up shall be conducted no more than two years after start-up of operation. Each subsequent tune-up shall be conducted no more than two years after the previous tune-up. All tune-up records are required to be maintained on site.</p>

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
C.7	<p>Emission Unit ID: N/A</p> <p>Equipment/Control Device ID: EX-EG1</p> <p>This source is subject to New Source Performance Standards (NSPS), 40 CFR 60 Subpart A, General Provisions and Subpart JJJJ - Standards Of Performance For Stationary Spark Ignition Internal Combustion Engines, and S.C. Regulation 61-62.60 Subparts A and Subpart JJJJ - Standards Of Performance For Stationary Spark Ignition Internal Combustion Engines, as applicable. These sources shall comply with all applicable requirements of Subparts A and JJJJ.</p>
C.8	<p>Emission Unit ID: 02</p> <p>Equipment/Control Device ID: B-4</p> <p>This source is subject to New Source Performance Standards (NSPS), 40 CFR 60 Subpart A, General Provisions and Subpart KKKK, Standards of Performance for Stationary Gas Turbines, and S.C. Regulation 61-62.60 Subparts A and KKKK, Standards of Performance for Stationary Gas Turbines, as applicable. This source shall comply with all applicable requirements of Subparts A and KKKK.</p>
C.9	<p>Emission Unit ID: 02</p> <p>Equipment/Control Device ID: B-4</p> <p>In accordance with 40 CFR 60 Subpart KKKK, Standards of Performance for Stationary Gas Turbines, Section 60.4330, every owner or operator subject to the provision of this subpart shall comply with one of the following:</p> <ol style="list-style-type: none"> No owner or operator subject to the provisions of Subpart KKKK shall cause to be discharged into the atmosphere from the subject stationary combustion turbine any gases which contain sulfur dioxide in excess of 110 nanograms per Joule (0.90 pounds per megawatt-hour) gross output. No owner or operator subject to the provisions of Subpart KKKK shall burn in the subject stationary combustion turbine any fuel which contains total potential sulfur emissions in excess of 26 ng SO₂/J (0.060 lb SO₂/MMBtu) heat input. <p>An initial performance test, as required in 40 CFR 60.8, shall be performed. Subsequent SO₂ performance tests shall be conducted on an annual basis (no more than 14 calendar months following the previous performance test). Performance tests shall be conducted by periodically determining the sulfur content of the fuel combusted in the turbines, a representative fuel sample shall be collected following ASTM D5287 (incorporated by reference, see 40 CFR 60.17) for natural gas. The fuel analyses may be performed either by the facility, a service contractor retained by the facility, the fuel vendor, or any other qualified agency. Analyze the samples for the total sulfur content of the fuel using ASTM D1072, or alternatively D3246, D4084, D4468, D4810, D6228, D6667, or Gas Processors Association Standard 2377 (all of which are incorporated by reference, see 40 CFR 60.17).</p> <p>Per 40 CFR 60.4365, the owner/operator may elect not to monitor the total sulfur content of the fuel combusted in the turbine, if the fuel is demonstrated not to exceed potential sulfur emissions of 0.060 lb SO₂/MMBtu heat input. One of the following sources of information must be used to make the required demonstration:</p> <ol style="list-style-type: none"> The fuel quality characteristics in a current, valid purchase contract, tariff sheet or transportation contract for the fuel, specifying that the maximum total sulfur content for oil use is 0.05 weight percent (500 ppmw) or less, the total sulfur content for natural gas use is 20 grains of sulfur or less per 100 standard cubic feet, has potential sulfur emissions of less than 0.060 lb SO₂/million Btu heat input; or

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
	<p>b. Representative fuel sampling data which show that the sulfur content of the fuel does not exceed 0.060 lb SO₂/million Btu heat input. At a minimum, the amount of fuel sampling data specified in Section 2.3.1.4 or 2.3.2.4 of 40 CFR 75 Appendix D is required.</p> <p>The frequency of determining the sulfur content in the fuel must be performed in accordance with 40 CFR 63.4370.</p> <p>Reports must be submitted as delineated in 40 CFR 60.4375. For each affected unit required to continuously monitor parameters or emissions, or to periodically determine the fuel sulfur content under Subpart KKKK, the owner/operator must submit reports of excess emissions and monitor downtime, in accordance with 40 CFR 60.7(c). Excess emission must be reported for all periods of unit operation, including start-up, shutdown, and malfunction.</p> <p>Per 40 CFR 60.4395, all reports required under 40 CFR 60.7(c) must be postmarked by the 30th day following the end of each 6-month period.</p> <p>As specified by 40 CFR 60.4333, the owner/operator shall operate and maintain the stationary combustion turbine, air pollution control equipment, and monitoring equipment in a manner consistent with good air pollution control practices for minimizing emissions at all times including during startup, shutdown, and malfunction.</p>
C.10	<p>Emission Unit ID: 02</p> <p>Equipment/Control Device ID: B-4</p> <p>In accordance with 40 CFR 60 Subpart KKKK, Standards of Performance for New Stationary Gas Turbines, NO_x emissions from a modified or reconstructed turbine rated less than 50 mmBtu/hr shall be limited 150 ppm at 15 percent O₂ or 1,100 ng/J of useful output (8.7 lb/MWh).</p> <p>An initial performance test, as required in 40 CFR 60.8, shall be performed. Subsequent NO_x performance tests shall be conducted on an annual basis (no more than 14 calendar months following the previous performance test). These tests shall be performed in accordance with 40 CFR 60 Subpart KKKK.</p> <p>As specified by 40 CFR 60.4333, the owner/operator shall operate and maintain the stationary combustion turbine, air pollution control equipment, and monitoring equipment in a manner consistent with good air pollution control practices for minimizing emissions at all times including during startup, shutdown, and malfunction.</p> <p>In accordance with 40 CFR 60.4340, the owner or operator of the subject stationary combustion turbine subject to the provisions of Subpart KKKK not using water or steam injection to control NO_x emissions must perform annual performance tests in accordance with 40 CFR 60.4400 to demonstrate continuous compliance. If the NO_x emission result from the performance test is less than or equal to 75 percent of the NO_x emission limit for the turbine, the facility may reduce the frequency of subsequent performance tests to once every 2 years (no more than 26 calendar months following the previous performance test). If the results of any subsequent performance test exceed 75 percent of the NO_x emission limit for the turbine, the facility must resume annual performance tests. Alternatively, the facility may use continuous emission monitoring as specified in 40 CFR 60.4335(b); if this option is chosen the facility must meet the requirements of 40 CFR 60.4345 and 40 CFR 60.4350.</p> <p>Reports must be submitted as delineated in 40 CFR 60.4375. For each affected unit required to continuously monitor parameters or emissions, the owner/operator must submit reports of excess emissions and monitor downtime, in accordance with 40 CFR 60.7(c). Excess emission must be reported for all periods of unit operation, including start-up, shutdown, and malfunction. For each affected unit that performs annual performance tests in accordance with 40 CFR</p>

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(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
	<p>60.4340(a), the facility must submit a written report of the results of each performance test before the close of business on the 60th day following the completion of the performance test.</p> <p>For the purpose of reports required under 40 CFR 60.7(c), periods of excess emissions and monitor downtime that must be reported, as defined in 40 CFR 60.4380, are as follows:</p> <ol style="list-style-type: none"> 1. An excess emission is any unit operating hour for which the 4-hour rolling average steam or water to fuel ratio, as measured by the continuous monitoring system, falls below the acceptable steam or water to fuel ratio needed to demonstrate compliance with 40 CFR 60.4320, as established during the performance test required in 40 CFR 60.8. Any unit operating hour in which no water or steam is injected into the turbine when a fuel is being burned that requires water or steam injection for NO_x control will also be considered an excess emission. 2. A period of monitor downtime is any unit operating hour in which water or steam is injected into the turbine, but the essential parametric data needed to determine the steam or water to fuel ratio are unavailable or invalid. 3. Each report must include the average steam or water to fuel ratio, average fuel consumption, and the combustion turbine load during each excess emission. <p>Per 40 CFR 60.4395, all reports required under 40 CFR 60.7(c) must be postmarked by the 30th day following the end of each 6-month period.</p>
C.11	Affected sources, as defined in 40 CFR 60.5365a, constructed, modified, or reconstructed after September 18, 2015, shall comply with all applicable requirements of 40 CFR Part 60, Subpart A and 40 CFR Part 60, Subpart OOOOa and S.C. Regulation 61-62.60 Subpart A and Subpart OOOOa.

D. NESHAP PERIODIC REPORTING SCHEDULE SUMMARY

NESHAP Part	NESHAP Subpart	Compliance Monitoring Report Submittal Frequency	Reporting Period	Report Due Date
63	ZZZZ (Emergency Generators see note 3 and 4)	N/A	N/A	N/A

1. This table summarizes only the periodic compliance reporting schedule. Additional reports may be required. See specific NESHAP Subpart for additional reporting requirements and associated schedule.
2. This reporting schedule does not supersede any other reporting requirements including but not limited to 40 CFR Part 60, 40 CFR Part 61, 40 CFR Part 63, and/or Title V. The MACT reporting schedule may be adjusted to coincide with the Title V reporting schedule with prior approval from the Department in accordance with 40 CFR Part 63.10.a.5. This request may be made 1 year after the compliance date for the associated MACT standard.
3. Emergency generators are not required to submit reports unless they meet the criteria under 63.6650(h) and must submit reports annually. Only non-emergency engines are required to submit semi annual reports.
4. Emergency engines shall comply with the operations limits specified in 40 CFR 63.6640(f).

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E. NESHAP - CONDITIONS

Condition Number	Condition
E.1	All NESHAP notifications and reports shall be sent to the Manager of the Air Toxics Section, South Carolina Department of Health and Environmental Control - Bureau of Air Quality.
E.2	All NESHAP notifications and the cover letter to periodic reports shall be sent to the United States Environmental Protection Agency (US EPA) at the following address: US EPA, Region 4 Air, Pesticides and Toxics Management Division 61 Forsyth Street SW Atlanta, GA 30303
E.3	Emergency power generators less than or equal to 150 kilowatt (kW) rated capacity or greater than 150 kW rated capacity designated for emergency use only and operated a total of 500 hours per year or less for testing and maintenance with a method to record the actual hours of use such as an hour meter have been determined to be exempt from construction permitting requirements in accordance with South Carolina Regulation 61-62.1. These sources shall still comply with the requirements of all applicable regulations including but not limited to the following: New Source Performance Standards (NSPS) 40 CFR 60 Subpart A (General Provisions); NSPS 40 CFR 60 Subpart IIII (Stationary Compression Ignition Internal Combustion Engines); NSPS 40 CFR 60 Subpart JJJJ (Stationary Spark Ignition Internal Combustion Engines); National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR 63 Subpart A (General Provisions); and NESHAP 40 CFR 63 Subpart ZZZZ (Stationary Reciprocating Internal Combustion Engines).

F. RESERVED

G. PERMIT SHIELD

Condition Number	Condition
G.1	(S.C. Regulation 61-62.70.6.f) A copy of the "applicability determination" submitted with the Part 70 permit application is included as Attachment – Applicable and Non-Applicable Federal and State Regulations. With the exception of those listed below, compliance with the terms and conditions of this permit shall be deemed compliance with the applicable requirements specified in Attachment – Applicable and Non-Applicable Federal and State Regulations as of the date of permit issuance provided that such applicable requirements are included and are specifically identified in the permit. Exceptions to this are stated below in the <i>Permit Shield Exceptions</i> Table. The owner or operator shall also be shielded from the non-applicable requirements specified in Attachment – Applicable and Non-Applicable Federal and State Regulations. Exceptions to this are stated below in the <i>Permit Shield Exceptions</i> Table.
	Permit Shield Exceptions
	SC Regulation 61-62.5 Standard No. 7, Prevention of Significant Deterioration (PSD)
	SC Regulation 61-62.5 Standard No. 7.1, Non-attainment New Source Review (NSR)
	40 CFR Part 61 Subpart M, National Emission Standard for Asbestos
	SC Regulation 61-62.61, National Emissions Standard for Hazardous Air Pollutants
	40 CFR 61, Subpart A, General Provisions
	SC Regulation 61-62.1, Definitions and General Requirements
	40 CFR Part 70, State Operating Permit Programs
	Nothing in the permit shield or in any Part 70 permit shall alter or affect the provisions of Section 303 of the Act, Emergency Orders, of the Clean Air Act; the liability of the owner or operator for any violation of applicable

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G. PERMIT SHIELD

Condition Number	Condition
	requirements prior to or at the time of permit issuance; the applicable requirements of the Acid Rain Program, consistent with Section 408.a of the Clean Air Act; or the ability of US EPA to obtain information from a source pursuant to Section 114 of the Clean Air Act. In addition, the permit shield shall not apply to emission units in noncompliance at the time of permit issuance, minor permit modifications (S.C. Regulation 61-62.70.7.e.2), group processing of minor permit modifications (S.C. Regulation 61-62.70.7.e.3), or operational flexibility (S.C. Regulation 61-62.70.7.e.5.i), except as specified in S.C. Regulation 61-62.70.7.e.5.iii.

H. PERMIT FLEXIBILITY

Condition Number	Conditions
H.1	The facility may install, remove, and modify insignificant activities as defined in S.C. Regulation 61-62.70.5.c and exempt sources as listed in S.C. Regulation 61-62.1, Section II.B, without revising or reopening the Title V Operating Permit. A list of insignificant activities/exempt sources must be maintained on site, along with any necessary documentation to support the determination that the activity is insignificant and/or exempt, and shall be made available to a Department representative upon request. The list shall be submitted with the next renewal application.

I. AMBIENT AIR STANDARDS REQUIREMENTS

Condition Number	Condition
I.1	<p>Air dispersion modeling (or other method) has demonstrated that this facility's operation will not interfere with the attainment and maintenance of any state or federal ambient air standard. Any changes in the parameters used in this demonstration may require a review by the facility to determine continuing compliance with these standards. These potential changes include any decrease in stack height, decrease in stack velocity, increase in stack diameter, decrease in stack exit temperature, increase in building height or building additions, increase in emission rates, decrease in distance between stack and property line, changes in vertical stack orientation, and installation of a rain cap that impedes vertical flow. Parameters that are not required in the determination will not invalidate the demonstration if they are modified. The emission rates used in the determination are listed in Attachment - Emission Rates for Ambient Air Standards of this permit. Higher emission rates may be administratively incorporated into Attachment - Emission Rates for Ambient Air Standards of this permit provided a demonstration using these higher emission rates shows the attainment and maintenance of any state or federal ambient air quality standard or with any other applicable requirement. Variations from the input parameters in the demonstration shall not constitute a violation unless the maximum allowable ambient concentrations identified in the standard are exceeded.</p> <p>The owner/operator shall maintain this facility at or below the emission rates as listed in Attachment - Emission Rates for Ambient Air Standards, not to exceed the pollutant limitations of this permit. Should the facility wish to increase the emission rates listed in Attachment - Emission Rates for Ambient Air Standards, not to exceed the pollutant limitations in the body of this permit, it may do so by the administrative process specified above. This is a State Only enforceable requirement.</p>

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J. TITLE V PERIODIC REPORTING SCHEDULE

Compliance Monitoring Report Submittal Frequency	Reporting Period (Begins on the effective date of the permit)	Report Due Date
Quarterly	January-March April-June July-September October-December	April 30 th July 30 th October 30 th January 30 th
Semiannual	January-June April-September July-December October-March	July 30 th October 30 th January 30 th April 30 th

Note: This reporting schedule does not supersede any Federal reporting requirements including but not limited to 40 CFR Part 60, 40 CFR Part 61, and 40 CFR Part 63. All Federal reports must meet the reporting time frames specified in the Federal standard unless the Department or EPA approves a change.

K. TITLE V COMPLIANCE CERTIFICATION REPORTING SCHEDULE

Title V Compliance Certification Submittal Frequency	Reporting Period (Begins on the effective date of the permit)	Report Due Date
Annual	January-December April-March July-June October-September	February 14 th May 15 th August 14 th November 14 th

L. TITLE V RECORD KEEPING AND REPORTING REQUIREMENTS

Condition Number	Condition
L.1	Reporting required in this permit, shall be submitted in a timely manner as directed in the Title V Periodic Reporting Schedule and the Title V Compliance Certification Reporting Schedule of this permit. All required reports must be certified by a responsible official consistent with S.C. Regulation 61-62.70.5.d.
L.2	All reports and notifications required under this permit shall be submitted to the person indicated in the specific condition at the following address: 2600 Bull Street Columbia, SC 29201 The contact information for the local EQC Regional office can be found at: http://www.scdhec.gov
L.3	Unless elsewhere specified within this permit, all reports required under this permit shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality.
L.4	All Title V Annual Compliance Certifications shall be sent to the US EPA, Region 4, Air Enforcement Branch and to the Manager of the Technical Management Section, Bureau of Air Quality. US EPA, Region 4 Air Enforcement Branch 61 Forsyth Street SW Atlanta, GA 30303

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L. TITLE V RECORD KEEPING AND REPORTING REQUIREMENTS

Condition Number	Condition
L.5	<p>(S.C. Regulation 61-62.70.6.a.3.ii) The owner or operator shall comply, where applicable, with the following monitoring/support information collection and retention record keeping requirements:</p> <ol style="list-style-type: none"> 1. Records of required monitoring information shall include the following: <ol style="list-style-type: none"> a. The date, place as defined in the permit, and time of sampling or measurements; b. The date(s) analyses were performed; c. The company or entity that performed the analyses; d. The analytical techniques or methods used; e. The results of such analyses; and f. The operating conditions as existing at the time of sampling or measurement; 2. Records of all required monitoring data and support information shall be retained for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.
L.6	<p>In accordance with S.C. Regulation 61-62.1, Section II.J, for sources not required to have continuous emissions monitors, any malfunction of air pollution control equipment or system, process upset or other equipment failure which results in discharges of air contaminants lasting for one hour or more and which are greater than those discharges described for normal operation in the permit application shall be reported to the Department's local Environmental Quality Control (EQC) Regional office within twenty-four (24) hours after the beginning of the occurrence.</p> <p>The owner or operator shall also submit a written report within thirty (30) days of the occurrence. This report shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality (BAQ) and shall include, at a minimum, the following:</p> <ol style="list-style-type: none"> 1. The identity of the stack and/or emission point where the excess emissions occurred; 2. The magnitude of excess emissions expressed in the units of the applicable emission limitation and the operating data and calculations used in determining the excess emissions; 3. The time and duration of excess emissions; 4. The identity of the equipment causing the excess emissions; 5. The nature and cause of such excess emissions; 6. The steps taken to remedy the malfunction and the steps taken or planned to prevent the recurrence of such malfunction; 7. The steps taken to limit the excess emissions; and, 8. Documentation that the air pollution control equipment, process equipment, or processes were at all times maintained and operated, to the maximum extent practicable, in a manner consistent with good practice for minimizing emissions.
L.7	<p>(S.C. Regulation 61-62.70.6.c.5.iii) The responsible official shall certify, annually, compliance with the conditions of this permit as required under S.C. Regulation 61-62.70.6.c. The compliance certification shall include the following:</p> <ol style="list-style-type: none"> 1. The identification of each term or condition of the permit that is the basis of the certification. 2. The identification of the method(s) or means used by the owner or operator for determining the compliance status with each term and condition of the permit during the certification period. 3. The status of compliance with the terms and conditions of the permit for the period covered by the certification, including whether compliance during the period was continuous or intermittent. The certification shall be based on the method or means designated in S.C. Regulation 61-62.70.6.c.5.iii.B. The certification shall identify each deviation and take it into account in the compliance certification. 4. Such other facts as the Department may require to determine the compliance status of the source.

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L. TITLE V RECORD KEEPING AND REPORTING REQUIREMENTS

Condition Number	Condition
L.8	(S.C. Regulation 61-62.1, Section II.M) Within 30 days of the transfer of ownership/operation of a facility, the current permit holder and prospective new owner or operator shall submit to the Director of Engineering Services a written request for transfer of the source operating or construction permits. The written request for transfer of the source operating or construction permit shall include any changes pertaining to the facility name and mailing address; the name, mailing address, and telephone number of the owner or operator for the facility; and any proposed changes to the permitted activities of the source. Transfer of the operating or construction permits will be effective upon written approval by the Department.

M. GENERAL FACILITY WIDE

Condition Number	Condition
M.1	The owner or operator shall comply with S.C. Regulation 61-62.2 "Prohibition of Open Burning."
M.2	The owner or operator shall comply with S.C. Regulation 61-62.3 "Air Pollution Episodes."
M.3	The owner or operator shall comply with S.C. Regulation 61-62.4 "Hazardous Air Pollution Conditions."
M.4	The owner or operator shall comply with S.C. Regulation 61-62.6 "Control of Fugitive Particulate Matter", Section III "Control of Fugitive Particulate Matter Statewide."
M.5	The owner or operator shall comply with the standards of performance for asbestos abatement operations pursuant to 40 CFR Part 61.145, including, but not limited to, requirements governing training, licensing, notification, work practice, cleanup, and disposal.
M.6	The owner or operator shall comply with the standards of performance for asbestos abatement operations pursuant to S.C. Regulation 61-86.1, including, but not limited to, requirements governing training, licensing, notification, work practice, cleanup, and disposal.
M.7	The owner or operator shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, Protection of Stratospheric Ozone, Recycling and Emissions Reduction, except as provided for motor vehicle air conditioners (MVACs) in Subpart B. If the owner or operator performs a service on motor (fleet) vehicles that involves ozone-depleting substance refrigerant in MVACs, the owner or operator is subject to all applicable requirements of 40 CFR Part 82, Subpart B, Servicing of MVACs.
M.8	(S.C. Regulation 61-62.70.6.a.5) The provisions of this permit are severable, and if any provision of this permit, or application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.
M.9	(S.C. Regulation 61-62.70.6.a.6.i) The owner or operator must comply with all of the conditions of this permit. Any permit noncompliance constitutes a violation of the S.C. Pollution Control Act and/or the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of permit renewal application.
M.10	(S.C. Regulation 61-62.70.6.a.6.ii) It shall not be a defense for an owner or operator in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
M.11	(S.C. Regulation 61-62.70.6.a.6.iii) The permit may be modified, revoked, reopened and reissued, or terminated for cause by the Department. The filing of a request by the owner or operator for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.
M.12	(S.C. Regulation 61-62.70.6.a.6.iv) The permit does not convey any property rights of any sort, or any exclusive privilege.
M.13	(S.C. Regulation 61-62.70.6.a.6.v) The owner or operator shall furnish to the Department, within a reasonable time, any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the owner or

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M. GENERAL FACILITY WIDE

Condition Number	Condition
	operator shall also furnish to the Department copies of records required to be kept by the permit or, for information claimed to be confidential, the owner or operator may furnish such records directly to the Administrator along with a claim of confidentiality. The Department may also request that the owner or operator furnish such records directly to the Administrator along with a claim of confidentiality.
M.14	(S.C. Regulation 61-62.70.6.a.8) No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.
M.15	(S.C. Regulation 61-62.70.6.c.2) Upon presentation of credentials and other documents as may be required by law, the owner or operator shall allow the Department or an authorized representative to perform the following: 1. Enter upon the owner or operator's premises where a Part 70 source is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit. 2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. 3. Inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit. 4. As authorized by the Act and/or the S.C. Pollution Control Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.
M.16	(S.C. Regulation 61-62.70.6.g) In the case of an emergency, as defined in S.C. Regulation 61-62.70.6.g.1, the owner or operator shall demonstrate an affirmative defense of emergency through properly signed, contemporaneous operating logs, or other relevant evidence that: 1. An emergency occurred and that the owner or operator can identify the cause(s) of the emergency; 2. The permitted facility was at the time being properly operated; and 3. During the period of the emergency the owner or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and 4. The owner or operator shall submit verbal notification of the emergency to the Department within twenty-four (24) hours of the time when emission limitations were exceeded, followed by written notifications within thirty (30) days. This notice fulfills the requirement of S.C. Regulation 61-62.70.6.a.3.iii.B. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken. This provision is in addition to any emergency or upset provision contained in any applicable requirement. In any enforcement proceeding, the owner or operator seeking to establish the occurrence of an emergency has the burden of proof.
M.17	(S.C. Regulation 61-62.70.6.a.1.ii) Where an applicable requirement of the Act is more stringent than an applicable requirement of regulations promulgated under Title IV of the Act, both provisions shall be incorporated into the permit and shall be enforceable by the Administrator.
M.18	(S.C. Regulation 61-62.70.6.a.4) According to S.C. Regulation 61-62.70.6.a.4, the owner or operator is prohibited from emissions exceeding any allowances that the source lawfully holds under Title IV of the Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by a source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowances shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Act.
M.19	(S.C. Regulation 61-62.70.7.c.1.ii) Permit expiration terminates the source's right to operate unless a timely and complete renewal application has been submitted consistent with S.C. Regulation 61-62.70.5.a.1.iii, 62.70.5.a.2.iv, and 62.70.7.b. In this case, the permit shall not expire until the renewal permit has been issued or denied. All terms and conditions of the permit including any permit shield that may be granted pursuant to S.C. Regulation 61-62.70.6.f shall remain in effect until the renewal permit has been issued or denied.
M.20	Requests for permit modification and amendments shall be submitted on the appropriate Department approved Title V Modification Form(s).

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M. GENERAL FACILITY WIDE

Condition Number	Condition
M.21	(S.C. Regulation 61-62.70.6.a.7) The owners or operators of Part 70 sources shall pay fees to the Department consistent with the fee schedule approved pursuant to S.C. Regulation 61-62.70.9. Failure to pay applicable fee can be considered grounds for permit revocation.
M.22	(S.C. Regulation 61-62.1, Section III) The owners or operators of Part 70 sources shall complete and submit a new updated emissions inventory consistent with the schedule approved pursuant to S.C. Regulation 61-62.1, Section III. These Emissions Inventory Reports shall be submitted to the Manager of the Emissions Inventory Section, Bureau of Air Quality. This requirement notwithstanding, an emissions inventory may be required at any time in order to determine the compliance status of any facility.
M.23	This permit expressly incorporates insignificant activities. Emissions from these activities shall be included in the emissions inventory submittals as required by S.C. Regulation 61-62.1, Section III.B.2.g.

ATTACHMENT - Emission Rates for Ambient Air Standards

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The emission rates listed herein are not considered federally enforceable limitations but are used to evaluate ambient air quality impact. Until the Department makes a determination that a facility is causing or contributing to an exceedance of a state or federal ambient air quality standard, increases to these emission rates are not in themselves considered violations of these ambient air quality standards (see Ambient Air Standards Requirements).

AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2						
Emission Point ID	Emission Rates (lbs/hr)					
	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO	Lead
IA-EG1	1.48E-02	1.48E-02	8.068E-04	0.74	1.48	--
IA-FBC	1.7E-03	1.7E-03	1.3E-04	0.022	0.019	--
S-1	8.59E-02	8.59E-02	7.34E-03	3.94	3.89	--
S-2	8.59E-02	8.59E-02	7.34E-03	3.94	3.89	--
S-3	8.59E-02	8.59E-02	7.34E-03	3.94	3.89	--
S-4	1.1E-01	1.1E-01	9.22E-03	9.79	15.91	--

Attachment - Applicable and Non-Applicable Federal and State Regulations

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The following contains the Federal and South Carolina air pollution regulations and their applicability, as specified in the Part 70 permit application.

PERMIT SHIELD REQUEST (This section summarizes the regulations)				
Regulation Citation	Regulation Title	Applicable?		If applicable, list all applicable requirements in the regulation that the facility requests to be shielded. Include emission units and equipment subject. Include emission limits, testing, monitoring, record keeping, reporting, etc. If not applicable, provide a detailed explanation of why the regulation is not applicable.
		Yes	No	
SC R. 61-62.1, Sec. I	Definitions and General Requirements	X		Applies to all facilities.
SC R. 61-62.1, Sec. II	Permit Requirements	X		Applies to all facilities.
SC R. 61-62.1, Sec. III	Emissions Inventory and Emissions Statements	X		The facility submits emissions inventories on a 3-year cycle.
SC R. 61-62.1, Sec. IV	Source Testing	X		Applies when required to source test or when source test data will be submitted to the Department for approval.
SC R. 61-62.1, Sec. V	Credible Evidence	X		Applies to all facilities.
SC R. 61-62.2	Prohibition of Open Burning	X		Applies to all facilities.
SC R. 61-62.3	Air Pollution Episodes	X		Applies to all facilities.
SC R. 61-62.4	Hazardous Air Pollution Conditions	X		Applies to all facilities.
SC R. 61-62.5, Std. 1, Sec. I	Visible Emissions (VE)		X	The facility is not in the applicable source category.
SC R. 61-62.5, Std. 1, Sec. II	Particulate Matter (PM) Emissions		X	The facility is not in the applicable source category.
SC R. 61-62.5, Std. 1, Sec. III	Sulfur Dioxide (SO ₂) Emissions		X	The facility is not in the applicable source category.
SC R. 61-62.5, Std. 1, Sec. IV	Opacity		X	The facility is not in the applicable source category.
SC R. 61-62.5, Std. 1, Sec. V	Exemptions		X	The facility is not in the applicable source category.
SC R. 61-62.5, Std. 1, Sec. VI	Periodic Testing		X	The facility is not in the applicable source category.
SC R. 61-62.5, Std. No. 2	Ambient Air Quality Standards	X		Modeling conducted in July 2013, reviewed on 11/15/13. Refer to permit application report, Section 4.9.2.

Attachment - Applicable and Non-Applicable Federal and State Regulations

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PERMIT SHIELD REQUEST <i>(This section summarizes the regulations)</i>				
Regulation Citation	Regulation Title	Applicable?		If applicable, list all applicable requirements in the regulation that the facility requests to be shielded. Include emission units and equipment subject. Include emission limits, testing, monitoring, record keeping, reporting, etc. If not applicable, provide a detailed explanation of why the regulation is not applicable.
		Yes	No	
SC R. 61-62.5, Std. No. 3	Waste Combustion and Reduction		X	Applies to sources which burn fuels other than virgin fuels.
SC R. 61-62.5, Std. No. 3.1	Hospital, Medical, Infectious Waste Incinerators (HMIWI)		X	The facility is not in the applicable source category.
SC R. 61-62.5, Std. No. 4	Emissions from Process Industries	X		Refer to permit application report, Section 4.9.4.
SC R. 61-62.5, Std. No. 5	Volatile Organic Compounds		X	VOCs < 500 lbs/day, 100 tpy, 150 lbs/hr
SC R. 61-62.5, Std. No. 5.2	Control of Oxides of Nitrogen (NO _x)	X		Refer to permit application report, Section 4.9.7.
SC R. 61-62.5, Std. No. 7	Prevention of Significant Deterioration		X	The facility is not a major source for PSD.
SC R. 61-62.5, Std. No. 7.1	Nonattainment New Source Review		X	The facility is not a major source for PSD.
SC R. 61-62.5, Std. No. 8	Toxic Air Pollutants		X	Sources that burn only virgin fuels are exempt.
SC R. 61-62.6	Control of Fugitive Particulate Matter	X		Refer to permit application report, Section 4.9.10
SC 62.6, Sec. I	Control of Fugitive Particulate Matter - Nonattainment Areas		X	The facility is not in a non-attainment area.
SC 62.6, Sec. II	Control of Fugitive Particulate Matter - Problems Areas		X	The facility is not in a special control/non-attainment area.
SC 62.6, Sec. III	Control of Fugitive Particulate Matter - Statewide	X		Applies to all facilities.
SC 62.7	Good Engineering Practice Stack Height	X		Applies to all facilities. Refer to permit application report, Section 4.9.11.
SC R. 61-62.60 Subpart A	SC Designated Facility Plan and NSPS General Provisions	X		Equipment subject to individual NSPS
SC R. 61-62.60 Subpart JJJJ	SC Designated Facility Plan and NSPS Subpart JJJJ	X		Refer to permit application report, Section 4.2.6.
SC R. 61-62.60 Subpart KKKK	SC Designated Facility Plan and NSPS Subpart KKKK	X		Refer to permit application report, Section 4.2.7.

Attachment - Applicable and Non-Applicable Federal and State Regulations

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PERMIT SHIELD REQUEST (This section summarizes the regulations)				
Regulation Citation	Regulation Title	Applicable?		If applicable, list all applicable requirements in the regulation that the facility requests to be shielded. Include emission units and equipment subject. Include emission limits, testing, monitoring, record keeping, reporting, etc. If not applicable, provide a detailed explanation of why the regulation is not applicable.
		Yes	No	
SC R. 61-62.60 except Subparts A, JJJJ, and KKKK	NSPS Except Subpart A, Subpart JJJJ, and Subpart KKKK, All other subparts		X	Refer to permit application report, Section 4.2.9.
SC R. 61-62.61 Subpart A	National Emission Standards for Hazardous Air Pollutants (Subpart A-General Provisions)	X		Equipment subject to NESHAP for Asbestos; therefore, the 40 CFR 61 General Provisions potentially apply. Refer to permit application report, Section 4.3.1.
SC R. 61-62.61 Subpart M	National Emission Standards for Hazardous Air Pollutants (Subpart M-Asbestos)	X		Refer to permit application report, Section 4.3.1.
SC R. 61-62.63 Subpart A	National Emission Standards for Hazardous Air Pollutants (Subpart A-General Provisions)	X		Refer to permit application report, Section 4.3.2.
SC R. 61-62.63 Subpart ZZZZ	National Emission Standards for Hazardous Air Pollutants (Subpart ZZZZ- Reciprocating Internal Combustion Engines)	X		Refer to permit application report, Section 4.3.7.
SC R. 61-62.63 Subpart JJJJJJ	National Emission Standards for Hazardous Air Pollutants (Subpart JJJJJJ- Industrial, Commercial, and Institutional Boilers)		X	Refer to permit application report, Section 4.3.9.
SC R. 61-62.63 Except Subparts A, ZZZZ, and JJJJJJ	NESHAP Except Subpart A, Subpart ZZZZ, and Subpart JJJJJJ, All other subparts		X	Refer to permit application report, Section 4.3.10.
SC R. 61-62.68	Chemical Accident Prevention Provisions		X	Pipelines regulated by Department of Transportation (DOT) or under a certified state natural gas program are exempt.
40 CFR 70, SC R. 61-62.70	Title V Operating Permit Program	X		Applicable to facility; requirements are listed in permit application and facility has certified compliance.
SC R. 61-62.72	Acid Rain		X	The facility is not in the applicable source category. The specified source/process is not present at the facility. Refer to permit application report, Section 4.6, for additional information.
SC R. 61-62.96	NO _x Budget Trading Program		X	The facility is not in the applicable source category.
SC R. 61-62.99	NO _x Budget Trading Program Requirements for Stationary Sources Not in the Trading Program		X	The facility is not in the applicable source category.
40 CFR 60 Subpart A	General Provisions	X		Refer to permit application report, Section 4.2.1.

Attachment - Applicable and Non-Applicable Federal and State Regulations

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PERMIT SHIELD REQUEST <i>(This section summarizes the regulations)</i>				
Regulation Citation	Regulation Title	Applicable?		If applicable, list all applicable requirements in the regulation that the facility requests to be shielded. Include emission units and equipment subject. Include emission limits, testing, monitoring, record keeping, reporting, etc. If not applicable, provide a detailed explanation of why the regulation is not applicable.
		Yes	No	
40 CFR 60 Subpart B	Adoption and Submittal of State Plans for Designated Facilities		X	The facility is not in the applicable source category.
40 CFR 60 Subpart C	Emission Guidelines and Compliance Times		X	The facility is not in the applicable source category.
40 CFR 60 Subpart Cb	Emissions Guidelines and Compliance Times for Large Municipal Waste Combustors that are Constructed on or Before September 20, 1994		X	The facility is not in the applicable source category.
40 CFR 60 Subpart Cc	Emission Guidelines and Compliance Times or Municipal Solid Waste landfills		X	The facility is not in the applicable source category.
40 CFR 60 Subpart Cd	Emissions Guidelines and Compliance Times for Sulfuric Acid Production Units		X	The facility is not in the applicable source category.
40 CFR 60 Subpart Ce	Emission Guidelines and Compliance Times for Hospital/Medical/Infectious Waste Incinerators		X	The facility is not in the applicable source category.
40 CFR 60 Subpart D	Fossil-Fuel-Fired Steam Generators		X	None of the equipment at the Bethune Compressor Station is a steam generating unit.
40 CFR 60 Subpart Da	Electric Utility Steam Generating Units		X	The facility is not in the applicable source category.
40 CFR 60 Subpart Db	Industrial-Commercial-Institutional Steam Generating Units		X	None of the equipment at the Bethune Compressor Station is a steam generating unit.
40 CFR 60 Subpart Dc	Small Industrial-Commercial-Institutional Steam Generating Units		X	None of the equipment at the Bethune Compressor Station is a steam generating unit.
40 CFR 60 Subpart E	Incinerators		X	The facility is not in the applicable source category.
40 CFR 60 Subpart Ea	Municipal Waste Combustors for Which Construction is Commenced After December 20, 1989 and on or Before September 20, 1994		X	The facility is not in the applicable source category.
40 CFR 60 Subpart Eb	Large Municipal Waste Combustors for Which Construction is Commenced After September 20, 1994 or for Which Modification or Reconstruction is Commenced After June 19, 1996		X	The facility is not in the applicable source category.

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PERMIT SHIELD REQUEST <i>(This section summarizes the regulations)</i>				
Regulation Citation	Regulation Title	Applicable?		If applicable, list all applicable requirements in the regulation that the facility requests to be shielded. Include emission units and equipment subject. Include emission limits, testing, monitoring, record keeping, reporting, etc. If not applicable, provide a detailed explanation of why the regulation is not applicable.
		Yes	No	
40 CFR 60 Subpart Ec	Hospital/Medical/Infectious Waste Incinerators		X	The facility is not in the applicable source category.
40 CFR 60 Subpart F	Portland Cement Plants		X	The facility is not in the applicable source category.
40 CFR 60 Subpart G	Nitric Acid Plants		X	The facility is not in the applicable source category.
40 CFR 60 Subpart Ga	Nitric Acid Plants for Which Construction, Reconstruction, or Modification Commenced After October 14, 2011		X	The facility is not in the applicable source category.
40 CFR 60 Subpart H	Sulfuric Acid Plants		X	The facility is not in the applicable source category.
40 CFR 60 Subpart I	Hot Mix Asphalt Facilities		X	The facility is not in the applicable source category.
40 CFR 60 Subpart J	Petroleum Refineries		X	The facility is not in the applicable source category.
40 CFR 60 Subpart Ja	Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After May 14, 2007		X	The facility is not in the applicable source category.
40 CFR 60 Subpart K	Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978		X	Refer to permit application report, Section 4.2.3.
40 CFR 60 Subpart Ka	Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984		X	Refer to permit application report, Section 4.2.3.
40 CFR 60 Subpart Kb	Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984		X	Refer to permit application report, Section 4.2.3.

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PERMIT SHIELD REQUEST <i>(This section summarizes the regulations)</i>				
Regulation Citation	Regulation Title	Applicable?		If applicable, list all applicable requirements in the regulation that the facility requests to be shielded. Include emission units and equipment subject. Include emission limits, testing, monitoring, record keeping, reporting, etc. If not applicable, provide a detailed explanation of why the regulation is not applicable.
		Yes	No	
40 CFR 60 Subpart L	Secondary Lead Smelters		X	The facility is not in the applicable source category.
40 CFR 60 Subpart M	Secondary Brass and Bronze Production Plants		X	The facility is not in the applicable source category.
40 CFR 60 Subpart N	Primary Emissions from Basic Oxygen Process Furnaces for Which Construction is Commenced After June 11, 1973		X	The facility is not in the applicable source category.
40 CFR 60 Subpart Na	Secondary Emissions from Basic Oxygen Process Steelmaking Facilities for Which Construction is Commenced after January 20, 1983		X	The facility is not in the applicable source category.
40 CFR 60 Subpart O	Sewage Treatment Plants		X	The facility is not in the applicable source category.
40 CFR 60 Subpart P	Primary Copper Smelters		X	The facility is not in the applicable source category.
40 CFR 60 Subpart Q	Primary Zinc Smelters		X	The facility is not in the applicable source category.
40 CFR 60 Subpart R	Primary Lead Smelters		X	The facility is not in the applicable source category.
40 CFR 60 Subpart S	Primary Aluminum Reduction Plants		X	The facility is not in the applicable source category.
40 CFR 60 Subpart T	Phosphate Fertilizer Industry: Wet-Process Phosphoric Acid Plants		X	The facility is not in the applicable source category.
40 CFR 60 Subpart U	Phosphate Fertilizer Industry: Superphosphoric Acid Plants		X	The facility is not in the applicable source category.
40 CFR 60 Subpart V	Phosphate Fertilizer Industry: Diammonium Phosphate Plants		X	The facility is not in the applicable source category.
40 CFR 60 Subpart W	Phosphate Fertilizer Industry: Triple Superphosphate Plants		X	The facility is not in the applicable source category.
40 CFR 60 Subpart X	Phosphate Fertilizer Industry: Granular Triple Superphosphate Storage Facilities		X	The facility is not in the applicable source category.

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PERMIT SHIELD REQUEST <i>(This section summarizes the regulations)</i>				
Regulation Citation	Regulation Title	Applicable?		If applicable, list all applicable requirements in the regulation that the facility requests to be shielded. Include emission units and equipment subject. Include emission limits, testing, monitoring, record keeping, reporting, etc. If not applicable, provide a detailed explanation of why the regulation is not applicable.
		Yes	No	
40 CFR 60 Subpart Y	Coal Preparation and Processing Plants		X	The facility is not in the applicable source category.
40 CFR 60 Subpart Z	Ferrous Alloy Production Facilities		X	The facility is not in the applicable source category.
40 CFR 60 Subpart AA	Steel Plants: Electric Arc Furnaces Constructed After October 21, 1974 and on or Before August 17, 1983		X	The facility is not in the applicable source category.
40 CFR 60 Subpart AAa	Steel Plants: Electric Arc Furnaces and Argon-Oxygen Decarburization Vessels Constructed After August 7, 1983		X	The facility is not in the applicable source category.
40 CFR 60 Subpart BB	Kraft Pulp Mills		X	The facility is not in the applicable source category.
40 CFR 60 Subpart BBa	Kraft Pulp Mill Affected Sources for Which Construction, Reconstruction, or Modification Commenced After May 23, 2013		X	The facility is not in the applicable source category.
40 CFR 60 Subpart CC	Glass Manufacturing Plants		X	The facility is not in the applicable source category.
40 CFR 60 Subpart DD	Grain Elevators		X	The facility is not in the applicable source category.
40 CFR 60 Subpart EE	Surface Coating of Metal Furniture		X	The facility is not in the applicable source category.
40 CFR 60 Subpart GG	Stationary Gas Turbines		X	Turbines B-1 through B-3 were constructed before the applicability date. Turbine B-4 is exempt from this subpart due to being subject to 40 CFR 60 Subpart KKKK, per 40 CFR 60.4305(b). Refer to permit application report, Section 4.2.4.
40 CFR 60 Subpart HH	Lime Manufacturing Plants		X	The facility is not in the applicable source category.
40 CFR 60 Subpart KK	Lead-Acid Battery Manufacturing Plants		X	The facility is not in the applicable source category.
40 CFR 60 Subpart LL	Metallic Mineral Processing Plants		X	The facility is not in the applicable source category.

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PERMIT SHIELD REQUEST <i>(This section summarizes the regulations)</i>				
Regulation Citation	Regulation Title	Applicable?		If applicable, list all applicable requirements in the regulation that the facility requests to be shielded. Include emission units and equipment subject. Include emission limits, testing, monitoring, record keeping, reporting, etc. If not applicable, provide a detailed explanation of why the regulation is not applicable.
		Yes	No	
40 CFR 60 Subpart MM	Automobile and Light Duty Truck Surface Coating Operations		X	The facility is not in the applicable source category.
40 CFR 60 Subpart NN	Phosphate Rock Plants		X	The facility is not in the applicable source category.
40 CFR 60 Subpart PP	Ammonium Sulfate Manufacture		X	The facility is not in the applicable source category.
40 CFR 60 Subpart QQ	Graphic Arts Industry: Publication Rotogravure Printing		X	The facility is not in the applicable source category.
40 CFR 60 Subpart RR	Pressure Sensitive Tape and Label Surface Coating Operations		X	The facility is not in the applicable source category.
40 CFR 60 Subpart SS	Industrial Surface Coating: Large Appliances		X	The facility is not in the applicable source category.
40 CFR 60 Subpart TT	Metal Coil Surface Coating		X	The facility is not in the applicable source category.
40 CFR 60 Subpart UU	Asphalt Processing and Asphalt Roofing Manufacture		X	The facility is not in the applicable source category.
40 CFR 60 Subpart VV	Equipment Leaks of VOC in the Synthetic Organic Chemicals Mfg. Industry for which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006		X	The facility is not in the applicable source category.
40 CFR 60 Subpart VVa	Equipment Leaks of VOC in the Synthetic Organic Chemicals Mfg. Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006		X	The facility is not in the applicable source category.
40 CFR 60 Subpart WW	Beverage Can Surface Coating Industry		X	The facility is not in the applicable source category.
40 CFR 60 Subpart XX	Bulk Gasoline Terminals		X	The facility is not in the applicable source category.
40 CFR 60 Subpart AAA	New Residential Wood Heaters		X	The facility is not in the applicable source category.

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PERMIT SHIELD REQUEST <i>(This section summarizes the regulations)</i>				
Regulation Citation	Regulation Title	Applicable?		If applicable, list all applicable requirements in the regulation that the facility requests to be shielded. Include emission units and equipment subject. Include emission limits, testing, monitoring, record keeping, reporting, etc. If not applicable, provide a detailed explanation of why the regulation is not applicable.
		Yes	No	
40 CFR 60 Subpart BBB	Rubber Tire Manufacturing Industry		X	The facility is not in the applicable source category.
40 CFR 60 Subpart DDD	Volatile Organic Compound Emissions from the Polymer Manufacturing Industry		X	The facility is not in the applicable source category.
40 CFR 60 Subpart FFF	Flexible Vinyl and Urethane Coating and Printing		X	The facility is not in the applicable source category.
40 CFR 60 Subpart GGG	Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced After January 4, 1983, and on or Before November 7, 2006		X	The facility is not in the applicable source category.
40 CFR 60 Subpart GGGa	Equipment Leaks of VOC in Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006		X	The facility is not in the applicable source category.
40 CFR 60 Subpart HHH	Synthetic Fiber Production Facilities		X	The facility is not in the applicable source category.
40 CFR 60 Subpart III	Volatile Organic Compound Emissions from the Synthetic Organic Chemical Manufacturing Industry Air Oxidation Unit Processes		X	The facility is not in the applicable source category.
40 CFR 60 Subpart JJJ	Petroleum Dry Cleaners		X	The facility is not in the applicable source category.
40 CFR 60 Subpart KKK	Equipment Leaks of VOC From Onshore Natural Gas Processing Plants for Which Construction, Reconstruction, or Modification Commenced After January 20, 1984, and on or Before August 23, 2011		X	The facility is not in the applicable source category.
40 CFR 60 Subpart LLL	SO ₂ Emissions From Onshore Natural Gas Processing for Which Construction, Reconstruction, or Modification Commenced After January 20, 1984, and on or Before August 23, 2011		X	The facility is not in the applicable source category. The specified source/process is not present at the facility.

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		Yes	No	
40 CFR 60 Subpart NNN	Volatile Organic Compound Emissions from Synthetic Organic Chemical Manufacturing Industry Distillation Operations		X	The facility is not in the applicable source category.
40 CFR 60 Subpart OOO	Nonmetallic Mineral Processing Plants		X	The facility is not in the applicable source category.
40 CFR 60 Subpart PPP	Wool Fiberglass Insulation Manufacturing Plants		X	The facility is not in the applicable source category.
40 CFR 60 Subpart QQQ	VOC Emissions from Petroleum Refinery Wastewater Systems		X	The facility is not in the applicable source category.
40 CFR 60 Subpart RRR	Volatile Organic Compound Emissions from Synthetic Organic Chemical Manufacturing Industry Reactor Processes		X	The facility is not in the applicable source category.
40 CFR 60 Subpart SSS	Magnetic Tape Coating Facilities		X	The facility is not in the applicable source category.
40 CFR 60 Subpart TTT	Industrial Surface Coating: Surface Coating of Plastic Parts for Business Machines		X	The facility is not in the applicable source category.
40 CFR 60 Subpart UUU	Calciners and Dryers in Mineral Industries		X	The facility is not in the applicable source category.
40 CFR 60 Subpart VVV	Polymeric Coating of Supporting Substrates Facilities		X	The facility is not in the applicable source category.
40 CFR 60 Subpart WWW	Municipal Solid Waste Landfills		X	The facility is not in the applicable source category.
40 CFR 60 Subpart AAAA	Small Municipal Waste Combustion Units for Which Construction is Commenced After August 30, 1999 or for Which Modification or Reconstruction is Commenced After June 6, 2001		X	The facility is not in the applicable source category.
40 CFR 60 Subpart BBBB	Emission Guidelines and Compliance Times for Small Municipal Waste Constructed on or Before August 30, 1999		X	The facility is not in the applicable source category.

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		Yes	No	
40 CFR 60 Subpart CCCC	Commercial and Industrial Solid Waste Incineration Units		X	The facility is not in the applicable source category.
40 CFR 60 Subpart DDDD	Emissions Guidelines and Compliance Times for Commercial and Industrial Solid Waste Incineration Units		X	The facility is not in the applicable source category.
40 CFR 60 Subpart EEEE	Solid Waste Incineration Units for Which Construction is Commenced After December 9, 2004, or for Which Modification or Reconstruction is Commenced on or After June 16, 2006		X	The facility is not in the applicable source category.
40 CFR 60 Subpart FFFF	Emission Guidelines and Compliance Times for Other Solid Waste Incineration Units that Commenced Construction On or Before December 9, 2004		X	The facility is not in the applicable source category.
40 CFR 60 Subpart IIII	Stationary Compression Ignition Internal Combustion Engines		X	The existing emergency engine is a spark ignition rather than compression ignition engine. Refer to permit application report, Section 4.2.5.
40 CFR 60 Subpart JJJJ	Stationary Spark Ignition Internal Combustion Engines	X		Refer to permit application report, Section 4.2.6.
40 CFR 60 Subpart KKKK	Stationary Combustion Turbines	X		Refer to permit application report, Section 4.2.7.
40 CFR 60 Subpart LLLL	New Sewage Sludge Incineration Units		X	The facility is not in the applicable source category.
40 CFR 60 Subpart MMMM	Emission Guidelines and Compliance Times for Existing Sewage Sludge Incineration Units		X	The facility is not in the applicable source category.
40 CFR 60 Subpart OOOO	Crude Oil and Natural Gas Production, Transmission and Distribution		X	Refer to permit application report, Section 4.2.8.
40 CFR 61 Subpart A	General Provisions	X		Equipment subject to NESHAP for Asbestos; therefore, potentially subject to NESHAP General Provisions. Refer to permit application report, Section 4.3.1.
40 CFR 61 Subpart B	Radon Emissions from Underground Uranium Mines		X	The facility is not in the applicable source category.
40 CFR 61 Subpart C	Beryllium		X	The facility is not in the applicable source category.

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		Yes	No	
40 CFR 61 Subpart D	Beryllium Rocket Motor Firing		X	The facility is not in the applicable source category.
40 CFR 61 Subpart E	Mercury		X	The facility is not in the applicable source category.
40 CFR 61 Subpart F	Vinyl chloride		X	The facility is not in the applicable source category.
40 CFR 61 Subpart H	Radionuclides Other Than Radon From Department of Energy Facilities		X	The facility is not in the applicable source category.
40 CFR 61 Subpart I	Radionuclide Emissions From Federal Facilities Other Than Nuclear Regulatory Commission Licensees and Not Covered by Subpart H		X	The facility is not in the applicable source category.
40 CFR 61 Subpart J	Equipment Leaks (Fugitive Emission Source) of Benzene		X	The facility is not in the applicable source category.
40 CFR 61 Subpart K	Radionuclide Emissions from Elemental Phosphorus Plants		X	The facility is not in the applicable source category.
40 CFR 61 Subpart L	Benzene Emissions From Coke By-Product Recovery Plants		X	The facility is not in the applicable source category.
40 CFR 61 Subpart M SC 61-86.1	Asbestos	X		Refer to permit application report, Section 4.3.1.
40 CFR 61 Subpart N	Inorganic Arsenic Emissions From Glass Manufacturing Plants		X	The facility is not in the applicable source category.
40 CFR 61 Subpart O	Inorganic Arsenic Emissions From Primary Copper Smelters		X	The facility is not in the applicable source category.
40 CFR 61 Subpart P	Inorganic Arsenic Emissions From Arsenic Trioxide and Metallic Arsenic Production Facilities		X	The facility is not in the applicable source category.
40 CFR 61 Subpart Q	Radon Emissions From Department of Energy Facilities		X	The facility is not in the applicable source category.
40 CFR 61 Subpart R	Radon Emissions From Phosphogypsum Stacks		X	The facility is not in the applicable source category.

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		Yes	No	
40 CFR 61 Subpart T	Radon Emissions From the Disposal of Uranium Mill Tailings		X	The facility is not in the applicable source category.
40 CFR 61 Subpart V	Equipment leaks (Fugitive Emission Sources)		X	The facility is not in the applicable source category.
40 CFR 61 Subpart W	Radon Emissions From Operating Mill Tailings		X	The facility is not in the applicable source category.
40 CFR 61 Subpart Y	Benzene Emissions From Benzene Storage Vessels		X	The facility is not in the applicable source category.
40 CFR 61 Subpart BB	Benzene Emissions From Benzene Transfer Operations		X	The facility is not in the applicable source category.
40 CFR 61 Subpart FF	Benzene Waste Operations		X	The facility is not in the applicable source category.
40 CFR 63 Subpart A	General Provisions	X		Refer to permit application report, Section 4.3.2.
40 CFR 63 Subpart B	Requirements for Control Technology Determinations for Major Sources in Accordance With Clean Air Act Sections, Sections 112(g) and 112(j)		X	The facility is not in the applicable source category.
40 CFR 63 Subpart C	List of Hazardous Air Pollutants, Petitions Process, Lesser Quantity Designations, Source Category List		X	The facility is not in the applicable source category.
40 CFR 63 Subpart D	Regulations Governing Compliance Extensions for Early Reductions of Hazardous Air Pollutants		X	The facility is not in the applicable source category.
40 CFR 63 Subpart E	Approval of State Programs and Delegation of Federal Authorities		X	The facility is not in the applicable source category.
40 CFR 63 Subpart F	Synthetic Organic Chemical Manufacturing Industry, HON		X	The facility is not in the applicable source category.
40 CFR 63 Subpart G	Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater, HON		X	The facility is not in the applicable source category.
40 CFR 63 Subpart H	Synthetic Organic Chemical Manufacturing Industry for Equipment Leaks, HON		X	The facility is not in the applicable source category.

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PERMIT SHIELD REQUEST <i>(This section summarizes the regulations)</i>				
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		Yes	No	
40 CFR 63 Subpart I	Synthetic Organic Chemical Manufacturing Industry for Certain Processes Subject to the Negotiated Regulation for Equipment leaks, HON		X	The facility is not in the applicable source category.
40 CFR 63 Subpart J	Polyvinyl Chloride and Copolymers Production		X	The facility is not in the applicable source category.
40 CFR 63 Subpart L	Coke Oven Batteries		X	The facility is not in the applicable source category.
40 CFR 63 Subpart M	Dry Cleaning Facilities		X	The facility is not in the applicable source category.
40 CFR 63 Subpart N	Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks		X	The facility is not in the applicable source category.
40 CFR 63 Subpart O	Ethylene Oxide Emissions Standards for Sterilization Facilities		X	The facility is not in the applicable source category.
40 CFR 63 Subpart Q	Industrial Process Cooling Towers		X	The facility is not in the applicable source category.
40 CFR 63 Subpart R	Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)		X	The facility is not in the applicable source category.
40 CFR 63 Subpart S	Pulp and Paper Industry		X	The facility is not in the applicable source category.
40 CFR 63 Subpart T	Halogenated Solvent Cleaning		X	The facility is not in the applicable source category.
40 CFR 63 Subpart U	Group I Polymers and Resins		X	The facility is not in the applicable source category.
40 CFR 63 Subpart W	Epoxy Resins Production and Non-Nylon Polyamides Production		X	The facility is not in the applicable source category.
40 CFR 63 Subpart X	Secondary Lead Smelting		X	The facility is not in the applicable source category.
40 CFR 63 Subpart Y	Marine Tank Vessel Loading Operations		X	The facility is not in the applicable source category.

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		Yes	No	
40 CFR 63 Subpart AA	Phosphoric Acid Manufacturing Plants		X	The facility is not in the applicable source category.
40 CFR 63 Subpart BB	Phosphate Fertilizers Production Plants		X	The facility is not in the applicable source category.
40 CFR 63 Subpart CC	Petroleum Refineries		X	The facility is not in the applicable source category.
40 CFR 63 Subpart DD	Off-Site Waste and Recovery Operations		X	The facility is not in the applicable source category.
40 CFR 63 Subpart EE	Magnetic Tape Manufacturing Operations		X	The facility is not in the applicable source category.
40 CFR 63 Subpart GG	Aerospace Manufacturing and Rework Facilities		X	The facility is not in the applicable source category.
40 CFR 63 Subpart HH	Oil and Natural Gas Production Facilities		X	Refer to permit application report, Section 4.3.3
40 CFR 63 Subpart II	Shipbuilding and Ship Repair (Surface Coating)		X	The facility is not in the applicable source category.
40 CFR 63 Subpart JJ	Wood Furniture Manufacturing Operations		X	The facility is not in the applicable source category.
40 CFR 63 Subpart KK	Printing and Publishing Industry		X	The facility is not in the applicable source category.
40 CFR 63 Subpart LL	Primary Aluminum Reduction Plants		X	The facility is not in the applicable source category.
40 CFR 63 Subpart MM	Chemical Recovery Combustion Sources at Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mills		X	The facility is not in the applicable source category.
40 CFR 63 Subpart OO	Tanks- Level 1		X	The facility is not in the applicable source category.
40 CFR 63 Subpart PP	Containers		X	The facility is not in the applicable source category.

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		Yes	No	
40 CFR 63 Subpart QQ	Surface Impoundments		X	The facility is not in the applicable source category.
40 CFR 63 Subpart RR	Individual Drain Systems		X	The facility is not in the applicable source category.
40 CFR 63 Subpart SS	Closed Vent Systems, Control Devices, Recovery Devices and Routing to a Fuel Gas System or Process		X	The facility is not in the applicable source category.
40 CFR 63 Subpart TT	Equipment leaks-Control Level 1		X	The facility is not in the applicable source category.
40 CFR 63 Subpart UU	Equipment Leaks-Control Level 2 Standards		X	The facility is not in the applicable source category.
40 CFR 63 subpart VV	Oil-Water Separators and Organic-Water Separators		X	The facility is not in the applicable source category.
40 CFR 63 subpart WW	Storage Vessels (Tanks) – Control Level 2		X	The facility is not in the applicable source category.
40 CFR 63 subpart XX	Ethylene Manufacturing Process Units: Heat Exchange Systems and Waste Operations		X	The facility is not in the applicable source category.
40 CFR 63 subpart YY	Generic Maximum Achievable Control Technology (MACT) Standards		X	The facility is not in the applicable source category.
40 CFR 63 subpart CCC	Steel Pickling – HCL Process Facilities and Hydrochloric Acid Regeneration Plants		X	The facility is not in the applicable source category.
40 CFR 63 subpart DDD	Mineral Wool Production		X	The facility is not in the applicable source category.
40 CFR 63 subpart EEE	Hazardous Waste Combustors		X	The facility is not in the applicable source category.
40 CFR 63 subpart GGG	Pharmaceuticals Production		X	The facility is not in the applicable source category.
40 CFR 63 subpart HHH	Natural Gas Transmission and Storage Facilities		X	Refer to permit application report, Section 4.3.4.
40 CFR 63 subpart III	Flexible Polyurethane Foam Production		X	The facility is not in the applicable source category.

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		Yes	No	
40 CFR 63 subpart JJJ	Group IV Polymers and Resins		X	The facility is not in the applicable source category.
40 CFR 63 subpart LLL	Portland Cement Manufacturing Industry		X	The facility is not in the applicable source category.
40 CFR 63 subpart MMM	Pesticide Active Ingredient Production		X	The facility is not in the applicable source category.
40 CFR 63 subpart NNN	Wool Fiberglass Production		X	The facility is not in the applicable source category.
40 CFR 63 subpart OOO	Manufacture of Amino/Phenolic Resins		X	The facility is not in the applicable source category.
40 CFR 63 subpart PPP	Polyether Polyols Production		X	The facility is not in the applicable source category.
40 CFR 63 subpart QQQ	Primary Copper Smelting		X	The facility is not in the applicable source category.
40 CFR 63 subpart RRR	Secondary Aluminum Production		X	The facility is not in the applicable source category.
40 CFR 63 subpart TTT	Primary Lead Smelting		X	The facility is not in the applicable source category.
40 CFR 63 subpart UUU	Petroleum Refineries: Catalytic Cracking, Catalytic Reforming Units, and Sulfur Recovery Units		X	The facility is not in the applicable source category.
40 CFR 63 subpart VVV	Publicly Owned Treatment Works		X	The facility is not in the applicable source category.
40 CFR 63 subpart XXX	Ferroalloys Production: Ferromanganese and Silicomanganese		X	The facility is not in the applicable source category.
40 CFR 63 subpart AAAA	Municipal Solid Waste (MSW) Landfills		X	The facility is not in the applicable source category.
40 CFR 63 subpart CCCC	Manufacturing of Nutritional Yeast		X	The facility is not in the applicable source category.
40 CFR 63 subpart DDDD	Plywood and Composite Wood Products		X	The facility is not in the applicable source category.

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		Yes	No	
40 CFR 63 subpart EEEE	Organic Liquids Distribution (Non-Gasoline)		X	Refer to permit application report, Section 4.3.5.
40 CFR 63 subpart FFFF	Misc. Organic Chemical Manufacturing		X	The facility is not in the applicable source category.
40 CFR 63 subpart GGGG	Solvent Extraction for Vegetable Oil Production		X	The facility is not in the applicable source category.
40 CFR 63 subpart HHHH	Wet-Formed Fiberglass Mat Production		X	The facility is not in the applicable source category.
40 CFR 63 subpart IIII	Surface Coating of Automobiles and Light Duty Trucks		X	The facility is not in the applicable source category.
40 CFR 63 subpart JJJJ	Paper & Other Web Coatings		X	The facility is not in the applicable source category.
40 CFR 63 subpart KKKK	Surface Coating of Metal Cans		X	The facility is not in the applicable source category.
40 CFR 63 subpart MMMM	Surface Coating of Misc. Metal Parts and Products		X	The facility is not in the applicable source category.
40 CFR 63 subpart NNNN	Surface Coating of Large Appliances		X	The facility is not in the applicable source category.
40 CFR 63 subpart OOOO	Printing, Coating, and Dyeing of Fabrics and Other Textiles		X	The facility is not in the applicable source category.
40 CFR 63 subpart PPPP	Surface Coating of Plastic Parts and Products		X	The facility is not in the applicable source category.
40 CFR 63 subpart QQQQ	Surface Coating of Wood Building Products		X	The facility is not in the applicable source category.
40 CFR 63 subpart RRRR	Surface Coating of Metal Furniture		X	The facility is not in the applicable source category.
40 CFR 63 subpart SSSS	Surface Coating of Metal Coil		X	The facility is not in the applicable source category.
40 CFR 63 subpart TTTT	Leather Finishing Operations		X	The facility is not in the applicable source category.

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		Yes	No	
40 CFR 63 subpart UUUU	Cellulose Products Manufacturing		X	The facility is not in the applicable source category.
40 CFR 63 subpart VVVV	Boat Manufacturing		X	The facility is not in the applicable source category.
40 CFR 63 subpart WWWW	Reinforced Plastic Composites Production		X	The facility is not in the applicable source category.
40 CFR 63 subpart XXXX	Rubber Tire Manufacturing		X	The facility is not in the applicable source category.
40 CFR 63 subpart YYYY	Stationary Combustion Turbines		X	The facility is not a major source of HAP.
40 CFR 63 subpart ZZZZ	Stationary Reciprocating Internal Combustion Engines (RICE)	X		Refer to permit application report, Section 4.3.7
40 CFR 63 subpart AAAAA	Lime Manufacturing Plants		X	The facility is not in the applicable source category.
40 CFR 63 subpart BBBBB	Semiconductor Manufacturing		X	The facility is not in the applicable source category.
40 CFR 63 subpart CCCCC	Coke Ovens: Pushing, Quenching and Battery Stacks		X	The facility is not in the applicable source category.
40 CFR 63 subpart DDDDD	Industrial, Commercial, and Institutional Boilers and Process Heaters		X	Refer to permit application report, Section 4.3.8
40 CFR 63 subpart EEEEE	Iron and Steel Foundries		X	The facility is not in the applicable source category.
40 CFR 63 subpart FFFFF	Integrated Iron and Steel Manufacturing Facilities		X	The facility is not in the applicable source category.
40 CFR 63 subpart GGGGG	Site Remediation		X	The facility is not in the applicable source category.
40 CFR 63 subpart HHHHH	Misc. Coating Manufacturing		X	The facility is not in the applicable source category.
40 CFR 63 subpart IIIII	Mercury Emissions from Mercury Cell Chlor-Alkali Plants		X	The facility is not in the applicable source category.

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		Yes	No	
40 CFR 63 subpart JJJJJ	Brick and Structural Clay Products Manufacturing		X	The facility is not in the applicable source category.
40 CFR 63 subpart KKKKK	Clay Ceramics Manufacturing		X	The facility is not in the applicable source category.
40 CFR 63 subpart LLLLL	Asphalt Processing and Asphalt Roofing Manufacturing		X	The facility is not in the applicable source category.
40 CFR 63 subpart MMMMM	Flexible Polyurethane Foam Fabrication Operations		X	The facility is not in the applicable source category.
40 CFR 63 subpart NNNNN	Hydrochloric Acid Production		X	The facility is not in the applicable source category.
40 CFR 63 subpart PPPPP	Engine Test Cells/Stands		X	The facility is not in the applicable source category.
40 CFR 63 subpart QQQQQ	Friction Materials Manufacturing Facilities		X	The facility is not in the applicable source category.
40 CFR 63 subpart RRRRR	Taconite Iron Ore Processing		X	The facility is not in the applicable source category.
40 CFR 63 subpart SSSSS	Refractory Products Manufacturing		X	The facility is not in the applicable source category.
40 CFR 63 subpart TTTTT	Primary Magnesium Refining		X	The facility is not in the applicable source category.
40 CFR 63 subpart UUUUU	Coal- and Oil-Fired Electric Utility Steam Generating Units		X	The facility is not in the applicable source category.
40 CFR 63 subpart WWWW	Hospital Ethylene Oxide Sterilizers		X	The facility is not in the applicable source category.
40 CFR 63 subpart YYYYY	Electric Arc Furnace Steelmaking Facilities		X	The facility is not in the applicable source category.
40 CFR 63 subpart ZZZZ	Iron and Steel Foundries Area Sources		X	The facility is not in the applicable source category.
40 CFR 63 subpart BBBBBB	Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities		X	The facility is not in the applicable source category.

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		Yes	No	
40 CFR 63 subpart CCCCCC	Gasoline Dispensing Facilities		X	The facility is not in the applicable source category.
40 CFR 63 subpart DDDDDD	Polyvinyl Chloride and Copolymers Production Area Sources		X	The facility is not in the applicable source category.
40 CFR 63 subpart EEEEEEE	Primary Copper Smelting Area Sources		X	The facility is not in the applicable source category.
40 CFR 63 subpart FFFFFFF	Secondary Copper Smelting Area Sources		X	The facility is not in the applicable source category.
40 CFR 63 subpart GGGGGG	Primary Nonferrous Metals Area Sources - Zinc, Cadmium, and Beryllium		X	The facility is not in the applicable source category.
40 CFR 63 subpart HHHHHH	Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources		X	The facility is not in the applicable source category.
40 CFR 63 subpart JJJJJJ	Industrial, Commercial, and Institutional Boilers Area Sources		X	Refer to permit application report, Section 4.3.9.
40 CFR 63 subpart LLLLLL	Acrylic and Modacrylic Fibers Production Area Sources		X	The facility is not in the applicable source category.
40 CFR 63 subpart MMMMMM	Carbon Black Production Area Sources		X	The facility is not in the applicable source category.
40 CFR 63 subpart NNNNNN	Chemical Manufacturing Area Sources: Chromium Compounds		X	The facility is not in the applicable source category.
40 CFR 63 subpart OOOOOO	Flexible Polyurethane Foam Production and Fabrication Area Sources		X	The facility is not in the applicable source category.
40 CFR 63 subpart PPPPPP	Lead Acid Battery Manufacturing Area Sources		X	The facility is not in the applicable source category.
40 CFR 63 subpart QQQQQQ	Wood Preserving Area Sources		X	The facility is not in the applicable source category.
40 CFR 63 subpart RRRRRR	Clay Ceramics Manufacturing Area Sources		X	The facility is not in the applicable source category.
40 CFR 63 subpart SSSSSS	Glass Manufacturing Area Sources		X	The facility is not in the applicable source category.

Attachment - Applicable and Non-Applicable Federal and State Regulations

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PERMIT SHIELD REQUEST <i>(This section summarizes the regulations)</i>				
Regulation Citation	Regulation Title	Applicable?		If applicable, list all applicable requirements in the regulation that the facility requests to be shielded. Include emission units and equipment subject. Include emission limits, testing, monitoring, record keeping, reporting, etc. If not applicable, provide a detailed explanation of why the regulation is not applicable.
		Yes	No	
40 CFR 63 subpart TTTTTT	Secondary Nonferrous Metals Processing Area Sources		X	The facility is not in the applicable source category.
40 CFR 63 subpart VVVVVV	Chemical Manufacturing Area Sources		X	The facility is not in the applicable source category.
40 CFR 63 subpart WWWWWW	Area Source Standards for Plating and Polishing Operations		X	The facility is not in the applicable source category.
40 CFR 63 subpart XXXXXX	Nine Metal Fabrication and Finishing Source Categories		X	The facility is not in the applicable source category.
40 CFR 63 subpart YYYYYY	Ferroalloys Production Facilities		X	The facility is not in the applicable source category.
40 CFR 63 subpart ZZZZZZ	Area Source Standards for Aluminum, Copper, and Other Nonferrous Foundries		X	The facility is not in the applicable source category.
40 CFR 63 subpart AAAAAAA	Asphalt Processing and Asphalt Roofing Manufacturing		X	The facility is not in the applicable source category.
40 CFR 63 subpart BBBBBBBB	Chemical Preparations Industry		X	The facility is not in the applicable source category.
40 CFR 63 subpart CCCCCC	Paints and Allied Products Manufacturing		X	The facility is not in the applicable source category.
40 CFR 63 subpart DDDDDDD	Prepared Feeds Manufacturing		X	The facility is not in the applicable source category.
40 CFR 63 subpart EEEEEEE	Gold Mine Ore Processing and Production Area Source Category		X	The facility is not in the applicable source category.
40 CFR 63 subpart HHHHHHH	Polyvinyl Chloride and Copolymers Production		X	The facility is not in the applicable source category.
40 CFR 64	Compliance Assurance Monitoring		X	Combustion turbines are not equipped with control devices.
40 CFR 68	Chemical Accident Prevention Provisions		X	Pipelines regulated by Department of Transportation (DOT) or under a certified state natural gas program are exempt.
40 CFR 72, Subpart A-I, Appendix A-D	Acid Rain		X	The facility is not in the applicable source category.

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PERMIT SHIELD REQUEST <i>(This section summarizes the regulations)</i>				
Regulation Citation	Regulation Title	Applicable?		If applicable, list all applicable requirements in the regulation that the facility requests to be shielded. Include emission units and equipment subject. Include emission limits, testing, monitoring, record keeping, reporting, etc. If not applicable, provide a detailed explanation of why the regulation is not applicable.
		Yes	No	
40 CFR 73, Subpart A-G, Appendix A	Sulfur Dioxide Allowance System		X	The facility is not in the applicable source category.
40 CFR 75, Subpart A-H, Appendix A-J	Continuous Emission Monitoring		X	The facility is not in the applicable source category.
40 CFR 76	Acid Rain Nitrogen Oxides Emission Reduction Program		X	The facility is not in the applicable source category.
40 CFR 82 Subpart A-E, G, and H	Protection of Stratospheric Ozone		X	The facility is not in the applicable source category.
40 CFR 82 Subpart F	Recycling & Emissions Reduction	X		Refer to permit application report, Section 4.7